# The Emission Inventory and Air Quality Home Page

**Project Team** 

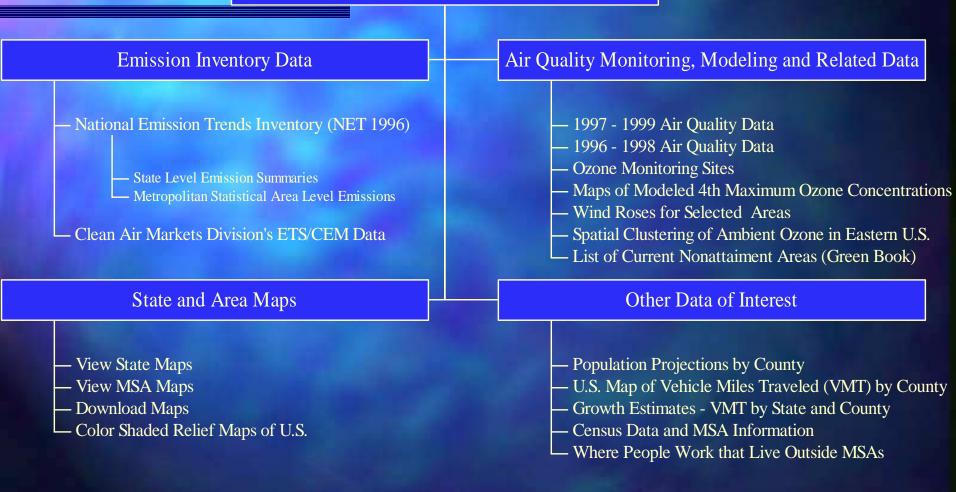
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## Introduction

- Purpose: Provide quick access (for EPA FIRE DRILLS) to a detailed emission inventory and air quality data
- Developed to support EPA, States, Industry, and the public in efforts related to the ozone NAAQS
- Contains nearly a hundred thousand interlinked pages that provide summaries, charts, maps, and tables of emission inventory and air quality data (2.5 Gigabytes)
- 1996 National Emissions Trends Inventory (v3.12)
- Emission Tracking System/Continuous Emissions Monitoring (ETS/CEM)
- 8-Hour Ozone Design Values by State, County, and MSA www.epa.gov/ttn/rto/areas/

### Overview

Emissions and Air Quality Data Home Page



## 1996 National Emission Trends (NET 96)

- Inventory prepared by EPA's Emission Factor and Inventory Group with input from state and local environmental agencies
- Contains annual and ozone season daily emission estimates for criteria pollutants (VOC, NO<sub>x</sub>, CO, SO<sub>2</sub>, PM<sub>10</sub>, PM<sub>2.5</sub>, and NH<sub>3</sub>) from three source categories:
  - Stationary point sources (including EGUs)
  - Area and off-road sources
  - On-road mobile sources
- Emissions from point sources are provided at the state-countyplant-point-source classification code (SCC) level
- Area and mobile source emissions provided at state-county-SCC level

#### Clean Air Markets Division's Emissions Tracking System/Continuous Emissions Monitoring (ETS/CEM) Data

- Hourly, quarterly, and annual data are reported quarterly to EPA's Emissions Tracking System
- Available for 1998, 1997, 1996, and 1995
- Includes state, plant, boiler level NO<sub>x</sub> emissions, heat input, and NO<sub>x</sub> emission rates

# Air Quality, Monitoring, and Related Data

- Tables of 8-hour ozone design values for counties and monitoring sites
- Ozone season wind rose graphs
- Link to EPA's list of nonattainment areas for criteria pollutants
- Other data include: census data, projected population data, C/MSA information, and maps of VMT by county

# State and Area Maps

- Pinpoints the locations and emissions of important pollutant sources, ozone monitors, and areas of interest
- Downloadable versions are available in Freelance format or GIF and Windows Meta File formats for easy manipulation

# Other Maps

- County VOC and NO<sub>x</sub> emissions
- Modeled 4th daily maximum 8-hour averages for ozone
- 1997-99 8-hour air quality design values
- Color shaded relief maps of each state with county boundaries

## Conclusion

- Future Plans
  - Update to Version 4 of the NET 96 Inventory
  - Include Native American Reservation data
  - Provide control cost analyses
  - 1999 and 2000 ETS/CEM data
- Please visit the site and provide comments and suggestions for its improvement
  - See "Corrections, Caveats, Explanations, Known Problems, and FAQ"